ABSTRACT
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ANALYSING METHOD AND DEVICE WITH A VIEW TO THE AUTOMATIC
5   SORTING OF PRODUCTS SUCH AS PIECES OF FRUIT

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The invention concerns a method of analysing products such
10   as pieces of fruit transported on a conveyer line, the said
method consisting firstly in arranging, above the said
conveyer line, three successive analysing stations (5, 6, 7)
respectively having, in the case of one (5), two cameras (8,
9) arranged in such a way that their optical axes form a V
15   which is centred on the products and has a vertex angle in
the range between 90° and 130°, and in the case of the other
two (6, 7), a camera (12, 14) arranged plumb with the
conveyer line. Moreover, the products are driven in
rotation during their transport along the analysing stations
20   (5-7), in such a way that the cameras (8, 9, 12, 14) each
take a number of photographs of complementary faces of the
surface of the said products, and there are selected from
among the photographs taken, by a comparison between the
calculated theoretical diameter of a product and a
25   predetermined average diameter, the photographs to be
retained so as to obtain a complete analysis of the total
surface of the said product.